

Title (en)  
CUTTING INSERT OF SINTERED HARD ALLOY

Publication  
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Application  
**EP 90850372 A 19901114**

Priority  
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Abstract (en)  
[origin: EP0428491A2] According to the present invention there is now available a cutting insert of sintered carbonitride alloy and with complicated geometry, said insert having improved efficiency. This is obtained by giving the powder non-uniform compaction at the pressing so that the future working edges will have a higher relative density than surrounding, more "supporting" material in the pressbody. By these means are often obtained surface defects in the form of cracks because of dissolved strains during the sintering.

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IPC 8 full level  
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Citation (search report)  
[A] E. KLAR: "Metals Handbook", 9th edition vol. 7: "Powder metallurgy", 1984, pages 296-307, American Society for Metals, Metals Park, Ohio, US

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